



1711 Ifu  
Attorney Docket No. FR-AM 2023 NP

**CERTIFICATE OF MAILING (37 CFR 1.8a)**

I hereby certify that this paper (along with any paper referred to as being transmitted therewith) is being deposited with U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, Alexandria, VA 22313-1450.

Rose Rafter

(Name of person mailing paper)

Date: 2/13/07

Rose Rafter  
(Signature)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : CARON, L.

Group Art Unit: (not yet assigned)

Serial No.: 10/593,944

Examiner: (not yet assigned)

Filing Date: September 22, 2006

Customer No.: 31684

For: NON-FLAMMABLE COMPOSITION WHICH CAN BE USED  
AS A BLOWING AGENT

**SUBMISSION OF REPLACEMENT TRANSLATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

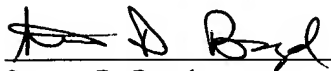
Dear Sir:

Applicants request that the Express Abandonment filed October 30, 2006 be ruled ineffective because no Power of Attorney in accordance with 37 CFR 1.32(b) was of record at the time the express abandonment was filed. The Express Abandonment form was not signed by a party authorized under 37 CFR 1.33(b)(1), (b)(3) or (b)(4) as required by 37 CFR 1.138(b).

Attached hereto is a replacement English translation of the priority PCT application, PCT/FR2005/000615 and a copy of a previously submitted Preliminary Amendment. The translation submitted with the filing of this application on September 22, 2006 was found to be inaccurate after it was filed. Applicants request substitution of the enclosed translation for the one previously submitted.

The enclosed translation and Preliminary Amendment were previously submitted to the USPTO in a separate application bearing the same title, filed on October 6, 2006 claiming priority to the same PCT application. The return receipt postcard for that later filed case identified the serial number as 11/547,833. Applicants believe that the present application (Serial No.: 10/593,944) file should be merged with the file of the later filed application (Serial No.: 11/547,833).

Respectfully submitted,



Steven D. Boyd  
Attorney for the Applicants  
Reg. No. 31,000  
Tel (215) 419-5270  
Customer No.: 31684

Date: 12 February 2007



Attorney Docket No. FR-AM 2023 NP1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : CARON, L.

Group Art Unit: (not yet assigned)

Serial No.: (not yet assigned)

Examiner: (not yet assigned)

Priority Documents: PCT/FR2005/000615

Customer No.: 31684

Publication No.: WO 2005/108477

International Filing Date: 15 March 2005  
(15.03.2005)

For: NON-FLAMMABLE COMPOSITION WHICH CAN BE USED  
AS A BLOWING AGENT

**E-COPY**

PRELIMINARY AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Prior to examination of the application filed herewith, please amend the specification and claims as follows.

The amendments to the specification begin on page 2.

The amendments to the claims begin on page 3.

**Amendments to the Specification:**

At page 1, at line 7, please insert: Field of the Invention.

At page 1, at line 14, please insert: Background of The Invention.

At page 1, at line 34, please insert: Detailed Description of The Invention.

Please replace page 1, lines 35-38 with the following:

The inventor has now discovered that the addition of trans-1,2-dichloroethylene makes it possible to limit the abovementioned disadvantages and optionally to reduce the content of nonflammable product.

### Amendments to the Claims

This listing of claims will replace the prior version in the application.

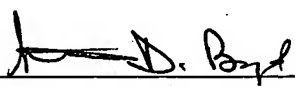
#### CLAIMS

1. (original) Composition comprising 1,1,1,3,3-pentafluorobutane (365mfc), trans-1,2-dichloroethylene and at least one compound chosen from 1,1,1,2-tetrafluoroethane (134a) and 1,1,1,2,3,3,3-heptafluoropropane (227ea).
2. (original) Composition according to Claim 1, characterized in that it comprises from 5 to 94% by weight of 365mfc, from 5 to 94% by weight of trans-1,2-dichloroethylene and from 1 to 60% by weight of 134a and/or 227ea.
3. (currently amended) Composition according to Claim 1 ~~or 2~~, characterized in that it comprises from 50 to 90% by weight of 365mfc, from 5 to 30% of trans-1,2-dichloroethylene and from 2 to 21% by weight of 227ea.
4. (currently amended) Composition according to Claim 1 ~~or 2~~, characterized in that it comprises from 59 to 90% by weight of 365mfc, from 5 to 30% by weight of trans-1,2-dichloroethylene and from 3 to 11% by weight of 134a.
5. (currently amended) Composition according to Claim 1 ~~or 2~~, characterized in that it comprises from 5 to 25% by weight of 365mfc, from 65 to 90% by weight of trans-1,2-dichloroethylene and from 2 to 20% by weight of 134a and/or 227ea.
6. (currently amended) Expanding agent, characterized in that it is composed of a composition according to ~~any one of the preceding claims~~ Claim 1.
7. (currently amended) Process for the manufacture of thermosetting polymer foams, characterized in that use is made of an expanding agent according to Claim ~~5~~ 1.
8. (original) Process according to Claim 6 7, characterized in that a polyisocyanate is reacted with a polyol or mixture of polyols.

9. (currently amended) Composition according to ~~any one of Claims 1 to 4~~ Claim 1, characterized in that it additionally comprises a polyol.

10. (Currently amended) Composition according to ~~any one of Claims 1 to 4~~ Claim 1, characterized in that it is used as solvents, aerosols and/or cooling agents.

Respectfully submitted,

  
\_\_\_\_\_  
Steven D. Boyd  
Attorney for the Applicants  
Reg. No. 31,000  
Tel (215) 419-5270  
Customer No.: 31684

Date: 4 October 2006